194925   JUL 1 0 RECD

SEARCH REQUEST FORM   Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 7/9/06 Serial # 10/997,867 Priority Application Date 12/25/03

Your Name M. Lewis   Examiner # _____

AU 2622 Phone 272-1838 Room 5A30

In what format would you like your results? Paper is the default.   (PAPER)   DISK   EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Need before 7/9/7

Where have you searched so far on this case?
Circle: USPT   DWPI   EPO Abs   JPO Abs   IBM TDB
Other: _____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.
_____

What types of references would you like? Please checkmark:

Primary Refs __✓__   Nonpatent Literature ____   Teaching Refs ____
Secondary Refs __✓__   Foreign Patents _____   Other _____

Is this a "Fast & Focused Search" request? (Circle One)   YES   (NO)

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria.   The criteria are posted in EIC2800 and on the STIC NPL Web Page at http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search?   Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 12, 13 + 22

Plasma Display Panel
Reduce Alignment Error

Problem: See pages 1-3
Solution: " " " 3 + 4

US 6,495,967
Korea 2002/09353

Staff Use Only	Type of Search	Vendors
Searcher: Michael Oliver	Structure (#) _____	STN ✓
Searcher Phone: 571-272-2663	Bibliographic _____	Dialog ✓
Searcher Location: STIC-EIC2800, JEF-4B68	Litigation _____	Questel/Orbit _____
Date Searcher Picked Up: 7/12/06	Fulltext ✓	Lexis-Nexis _____
Date Completed: 7/12/06	Patent Family _____	WWW/Internet _____
Searcher Prep/Rev Time: 30	Other ✓	Other IEEE
Online Time: 131		

7/12/2006 1:21:59 PM
7/12/2006 1:24:44 PM

[File 342] Derwent Patents Citation Indx 1978-05/200607

s pn=**us 6495967**

S1   1   S PN=US 6495967

map pn/ct=

SearchSave "SC441" stored
1 Select Statement, 4 Search Term(s)
SearchSave SC441

1 SearchSave(s), 4 Search Term(s)

map pn

SearchSave "SC442" stored
1 Select Statement, 11 Search Term(s)
SearchSave SC442

1 SearchSave(s), 11 Search Term(s)

[File 344] Chinese Patents Abs Jan 1985-2006/Jan
[File 347] JAPIO Nov 1976-2005/Sep(Updated 060103)
[File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607
[File 371] French Patents 1961-2002/BOPI 200209

Set   Items   Description
S1   3   PN=CN 1415112 + PN=KR 2001065735 + PN=KR 2002072865 + PN=KR
402741 + PN=US 2002130620 + PN=US 2003090203 + PN=US 2003184228 + PN=US
6720732 + PN=US 6784617 + PN=US 6979951 + PN=WO 200150493

7/12/2006 3:13:50 PM
7/12/2006 2:48:44 PM

[File 2] INSPEC 1898-2006/Jan W2
[File 6] NTIS 1964-2006/Jan W4
[File 8] Ei Compendex(R) 1970-2006/Jan W4
[File 34] SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
[File 35] Dissertation Abs Online 1861-2006/Jan
[File 65] Inside Conferences 1993-2006/Jan W5
[File 94] JICST-EPlus 1985-2006/Nov W3
[File 99] Wilson Appl. Sci & Tech Abs 1983-2006/Apr
[File 144] Pascal 1973-2006/Jan W2
[File 23] CSA Technology Research Database 1963-2006/Jan
[File 103] Energy SciTec 1974-2006/Jan B1
[File 95] TEME-Technology & Management 1989-2006/Jan W5
[File 56] Computer and Information Systems Abstracts 1966-2006/Jun
[File 57] Electronics & Communications Abstracts 1966-2006/Jun
[File 68] Solid State & Superconductivity Abstracts 1966-2006/Jan
[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2006/Jan
[File 293] Engineered Materials Abstracts 1966-2006/Jan
[File 239] Mathsci 1940-2005/Feb
[File 256] TECINFOSOURCE 82-2005/DEC

Set	Items	Description
S1	93416	S PDP? ? OR PLASMA()DISPLAY????()(PANEL???? OR SCREEN??? OR MATRIX) OR PLASMA(3N)(PANEL???? OR DISPLAY???? OR SCREEN???? OR MATRIX) OR DISPLAY????(3N)(PANEL???? OR SCREEN????? OR MATRIX)
S2	15709	S (FRONT???? OR TOP? ? OR REAR??????? OR BOTTOM)(3N)(SUBSTRAT???? OR SUPPORT????)
S3	1400821	S (ALIGN??????? OR ARRAY???? OR POSTION??????)
S4	19387120	S MARK???? OR PATTERN????? OR DESIGN???? OR LOGO? ? OR EMBLEM????? OR SCOR????? OR LINE? ? OR STRIP????? OR INSIGN???? OR INDIC?????
S5	484645	S HEX?????? OR HONEYCOMB??? OR HONEY()COMB??? OR HEXA???????()HONEYCOMB??? OR HEX??????()HONEY()COMB??? OR RHOMB????
S6	35723	S (RIB OR RIBBED)(3N)(BARRIER? ? OR BARRICADE? ? OR BAR? ?) OR RIB
S7	3538359	S (PARALLEL??? OR LATERAL????)(3N)SEGMENT????? OR PARALLEL(3N)LINE? ? OR LINE? ?
S8	14180934	S (BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL???)(3N)(ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD???) OR ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD??? OR BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL??? OR BLACK??????(3N)(MATRIX OR ARRAY????)
S9	0	S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S10	194	S S1 AND S4 AND S5
S11	22	S S10 AND S3
S12	12	RD (unique items)
S13	9	S S12 AND PY<=2003
S14	8	S S10 AND S6
S15	4	RD (unique items)
S16	44	S S1 AND S3 AND S5
S17	0	S S16 AND S2
S18	3	S S16 AND S7
S19	3	RD (unique items)
S20	21	S S16 AND S8
S21	12	RD (unique items)
S22	7	S S21 AND PY<=2003
S23	0	S S1 AND S2 AND S5
S24	65	S S1 AND S2
S25	4	S S24 AND (ALIGN????? OR ARRAY????? OR POSITION?????)
S26	4	RD (unique items)
S27	3	S S26 AND PY<=2003
S28	4	S S15 NOT S13
S29	1	S S19 NOT (S13 OR S15)
S30	3	S S22 NOT (S13 OR S15 OR S19)
S31	3	S S27 NOT (S13 OR S15 OR S19 OR S22)

7/12/2006 4:32:30 PM
7/12/2006 4:12:23 PM

[File 344] Chinese Patents Abs Jan 1985-2006/Jan
[File 347] JAPIO Nov 1976-2005/Sep(Updated 060103)
[File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607
[File 371] French Patents 1961-2002/BOPI 200209

Set   Items   Description
S1   237359   S PDP? ? OR PLASMA()DISPLAY????()(PANEL???? OR SCREEN??? OR MATRIX) OR
PLASMA(3N)(PANEL???? OR DISPLAY???? OR SCREEN???? OR MATRIX) OR
DISPLAY????(3N)(PANEL???? OR SCREEN????? OR MATRIX)

S2   125597   S (FRONT???? OR TOP? ? OR REAR??????? OR BOTTOM)(3N)(SUBSTRAT???? OR
SUPPORT????)

S3   3518535 S (ALIGN??????? OR ARRAY???? OR POSITION??????)

S4   4022633 S MARK???? OR PATTERN????? OR DESIGN???? OR LOGO? ? OR EMBLEM????? OR
SCOR????? OR LINE? ? OR STRIP????? OR INSIGN???? OR INDIC?????

S5   296775   S HEX?????? OR HONEYCOMB??? OR HONEY()COMB??? OR
HEXA??????()HONEYCOMB??? OR HEX??????()HONEY()COMB??? OR RHOMB????

S6   1630958 S (PARALLEL??? OR LATERAL????)(3N)SEGMENT????? OR PARALLEL(3N)LINE? ?
OR LINE? ?

S7   5841149 S (BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL???)(3N)(ELECTROD??? OR
PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD???) OR ELECTROD??? OR PROB???? OR
CONDUCT???? OR ANOD???? OR CATHOD??? OR BUS OR PATHWAY? ? OR PATH()WAY? ? OR
CHANNEL??? OR BLACK??????(3N)(MATRIX OR ARRAY????)

S8   7977   S IC=(H01J-017/00 OR H01J-017/49)
S9   6515   S MC=(V05-A01A3 OR V05-A01D1 OR V05-A01D3)
S10   1   S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7
S11   256   S S1 AND S2 AND S3 AND S4
S12   4   S S11 AND S5
S13   53   S S11 AND S8
S14   22   S S13 AND S9
S15   13   S S14 AND PY<=2003
S16   19383   S S1 AND S3 AND S4
S17   7594   S S16 AND S7
S18   3297   S S17 AND S6
S19   56   S S18 AND S8
S20   15   S S19 AND S9
S21   11   S S20 AND PY<=2003
S22   358   S S1 AND S3 AND S5
S23   6   S S22 AND S8
S24   13   S S22 AND S9
S25   1   S S24 AND PY<=2003
S26   3   S S12 NOT S10
S27   13   S S15 NOT (S10 OR S12)
S28   7   S S21 NOT (S10 OR S12 OR S15)
S29   4   S S23 NOT (S10 OR S12 OR S15 OR S21)
S30   1   S S25 NOT (S10 OR S12 OR S15 OR S21 OR S23)
S31   9   S S24 NOT (S10 OR S12 OR S15 OR S21 OR S23 OR S25)

(FILE 'HOME' ENTERED AT 13:47:49 ON 12 JUL 2006)

    FILE 'STNGUIDE' ENTERED AT 13:48:31 ON 12 JUL 2006

    FILE 'CAPLUS' ENTERED AT 13:52:31 ON 12 JUL 2006

```
L1        17238 SEA ABB=ON   PLU=ON   PDP OR PLASMA DISPLAY####### OR DISPLAY
                             PANEL########## OR PLASMA DISPLAY PANEL OR PLASMA PANEL
L2      1642099 SEA ABB=ON   PLU=ON   MARK####### OR PATTERN####### OR PRINT####
                             OR EMBLEM OR INSIGNIA OR LOGO
L3       709646 SEA ABB=ON   PLU=ON   ALIGN######### OR POSITION#########
L4          314 SEA ABB=ON   PLU=ON   L1 AND L2 AND L3
L5           18 SEA ABB=ON   PLU=ON   L4 AND BARRIER
L6           24 SEA ABB=ON   PLU=ON   L4 AND RIB
L7            3 SEA ABB=ON   PLU=ON   L4 AND (HONEYCOMB OR HONEY COMB OR
                             HEXA###############)
L8           13 SEA ABB=ON   PLU=ON   L4 AND ((FRONT OR REAR OR TOP OR BOTTOM)(3A
                             )SUBSTRATE)
              D L7 1-3 IBIB ABS
L9           11 SEA ABB=ON   PLU=ON   L5 AND PY<=2003
L10          11 SEA ABB=ON   PLU=ON   L9 NOT L7
              D L10 1-11 IBIB ABS
L11          17 SEA ABB=ON   PLU=ON   L6 AND PY<=2003
L12          17 DUP REM L11 (0 DUPLICATES REMOVED)
L13          17 SEA L12
L14           8 SEA ABB=ON   PLU=ON   L13 NOT (L7 OR L9)
              D L14 1-8 IBIB ABS
L15           5 SEA ABB=ON   PLU=ON   L8 AND PY<=2003
L16           5 DUP REM L15 (0 DUPLICATES REMOVED)
L17           4 SEA ABB=ON   PLU=ON   L15 NOT (L7 OR L9 OR LL2)
              D L17 1-4 IBIB ABS
```

Wed, 12 Jul 2006, 1:05:10 PM EST

Search Query Display

Recent Search Queries   Results

#1   ((((pdp or (plasma display*) or (display* panel*)) and (mark* or   72
     pattern*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <=
     2003)

Search query: (PDP or (plasma display*) or (display panel*)) and (mark* or pattern*) and align*
Language: English
Published Before: 12-25-2003 (Original publication date)